Application No. 09/955,438 Amendment dated October 23, 2006

Reply to Office Action of April 21, 2006

AMENDMENTS TO THE CLAIMS

(Currently amended) A silver halide photographic emulsion comprising silver halide

grains, wherein a variation coefficient of equivalent-circle diameters of all the silver halide

grains is 30% or less, and 70% or more of the total projected area of the silver halide grains are

occupied by silver halide grains each meeting requirements (i), (ii), (iii) and (viii) below:

(i) silver bromochloroiodide tabular grain having (111) faces as main planes,

(ii) having an epitaxial portion junctioned to at least one apex portion thereof,

(iii) having at least one mesh-like dislocation line in an epitaxial portion thereof, and

(viii) hexagonal tabular grain in which the ratio of the length of an edge having a

maximum length to the length of an edge having a minimum length is 2 or less.

2. (Canceled)

3. (Original) The silver halide photographic emulsion according to claim 1, wherein the

epitaxial portions defined in the requirement (ii) are junctioned to all the apex portions of the

grain.

4. (Original) The silver halide photographic emulsion according to claim 1, wherein each

of the grains occupying the 70% or more of the total projected area further meeting requirement

(iv) below:

(iv) below:

(iv) having no dislocation lines in portions except for the epitaxial portions thereof.

5. (Canceled)

6. (Original) The silver halide photographic emulsion according to claim 3, wherein each

of the grains occupying the 70% or more of the total projected area further meeting requirement

(iv) having no dislocation lines in portions except for the epitaxial portions thereof.

2

Docket No.: 0042-0455P

Application No. 09/955,438 Docket No.: 0042-0455P Amendment dated October 23, 2006

Reply to Office Action of April 21, 2006

7. (Original) The silver halide photographic emulsion according to claim 1, wherein each

of the grains occupying the 70% or more of the total projected area further meeting requirements

(v), (vi), and (vii) below:

(v) the equivalent-circle diameter is 0.3 to 1.2 μm,

(vi) the silver chloride content is 1 to 6 mol%, and

(vii) an amount of an outermost layer thereof containing 10 mol% or more of silver

iodide is 20% or less in terms of silver.

8. (Canceled)

9. (Original) The silver halide photographic emulsion according to claim 3, wherein each

of the grains occupying the 70% or more of the total projected area further meeting requirements

(v), (vi), and (vii) below:

(v) the equivalent-circle diameter is 0.3 to 1.2 μm,

(vi) the silver chloride content is 1 to 6 mol%, and

(vii) an amount of an outermost layer thereof containing 10 mol% or more of silver

iodide is 20% or less in terms of silver

10-12. (Canceled)

13. (Original) The silver halide photographic emulsion according to claim 1, wherein

each of the grains occupying the 70% or more of the total projected area further meeting

3

requirement (ix) below:

(ix) the thickness is 0.1 μm or less.

14. (Canceled)

MSW/GMD/mua

Application No. 09/955,438 Docket No.: 0042-045SP Amendment dated October 23, 2006

Reply to Office Action of April 21, 2006

15. (Original) The silver halide photographic emulsion according to claim 3, wherein

each of the grains occupying the 70% or more of the total projected area further meeting

requirement (ix) below:

(ix) the thickness is 0.1 µm or less.

16. (Original) The silver halide photographic emulsion according to claim 1, wherein the

variation coefficient of the equivalent-circle diameters of all the silver halide grains is 20% or

less.

17. (Original) The silver halide photographic emulsion according to claim 1, wherein

each of the grains occupying the 70% or more of the total projected area further meeting

requirement (x) below:

(x) letting CL mol% be the average silver chloride content of all the silver halide grains,

the silver chloride content is within a range of 0.7CL to 1.3CL.

18-19. (Canceled)

20. (Original) The silver halide photographic emulsion according to claim 1, wherein

each of the grains occupying the 70% or more of the total projected area further meeting

requirement (xi) below:

(xi) letting I mol% be the average silver iodide content of all the silver halide grains, the

silver iodide content is within a range of 0.7I to 1.3I.

21-25. (Canceled)

4

MSW/GMD/mua